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DATE: 12/05/95/2/8/97 TIME: 11:00:07/2/8/97

# RAW SEQUENCE LISTING PATENT APPLICATION US/08/476,275

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This Raw Listing contains the General Information Section and up to the first 5 pages.

1		SEQUENCE LISTING					
2 3	(1) G	eneral Information:					
4							
5 6	(1)	APPLICANT: Anderson, Darrell R. Hanna, Nabil					
7		Leonard, John E.					
8		Newman, Roland A.					
9		Reff, Mitchell E.					
10		Rastetter, William H.					
11							
12	(11)	TITLE OF INVENTION: Therapeutic Application of Chimeric and					
13 14		Radiolabeled Antibodies to Human B Lymphocyte Restricted Differentiation Antigen for the Treatment of B-Cell					
15		Lymphoma					
16		27.115.2211.4					
17	(iii)	NUMBER OF SEQUENCES: 11					
18							
19	(iv)	CORRESPONDENCE ADDRESS:					
20		(A) ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS					
21		(B) STREET: 699 Prince St.					
22 23		(C) CITY: Alexandria (D) STATE: VA					
24		(E) COUNTRY: USA					
25		(F) ZIP: 22314					
26							
27	(V)	COMPUTER READABLE FORM:					
28		(A) MEDIUM TYPE: Floppy disk					
29		(B) COMPUTER: IBM PC compatible					
30		(C) OPERATING SYSTEM: PC-DOS/MS-DOS					
31 32		(D) SOFTWARE: PatentIn Release #1.0, Version #1.30					
33	(vi)	CURRENT APPLICATION DATA:					
34	( • = /	(A) APPLICATION NUMBER: US 08/476,275					
35		(B) FILING DATE: 07-JUN-1995					
36		(C) CLASSIFICATION:					
37							
38	(vii)	PRIOR APPLICATION DATA:					
39 40		(A) APPLICATION NUMBER: US 08/149,099					
41		(B) FILING DATE: 03-NOV-1993					
42	(vii)	PRIOR APPLICATION DATA:					
43	( + ± ± )	(A) APPLICATION NUMBER: US 07/978,891					
44		(B) FILING DATE: 13-NOV-1992					
45	•						
46	(viii)	ATTORNEY/AGENT INFORMATION:					

### RAW SEQUENCE LISTING PATENT APPLICATION US/08/476,275

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47 48 49	Ċ	A) NAME: Te B) REGISTRA C) REFERENC	TION NUMBER		12-155				
50 51 52		LECOMMUNICA A) TELEPHON							
53 54 55	į (	B) TELEFAX:	703-836-20	021					
56 57	(2) INFORMA	TION FOR SE	Q ID NO:1:						
58	(i) SE	QUENCE CHAR	RACTERISTICS	S:					
59		A) LENGTH:		pairs					
60	(B) TYPE: nucleic acid								
61	•	C) STRANDED	_	le					
62	(	D) TOPOLOGY	: circular						
63									
64	(11) MO	LECULE TYPE	:: DNA (gend	omic)					
65 66	/iii\ <b>1</b> 7	POTHETICAL:	NO						
67	(111) HI	FOIRETICAL:	NO						
68	(iv) AN	TI-SENSE: N	ıo						
69	(= , ,		. •						
70									
71	(viii) PO	SITION IN G	ENOME:						
72	. (	A) CHROMOSC	ME/SEGMENT	: TCAE 8					
73									
74									
75									
76 77	` '	QUENCE DESC		_					
78 79	GACGTCGCGG						60		
80 81	AGGCCGAGGC						120		
82	GGAGAATGGG	CGGAACTGGG	CGGAGTTAGG	GGCGGGATGG	GCGGAGTTAG	GGGCGGGACT	180		
83 84	አመርረመምረረመር	A CTT A A TTTC A C	<b>л</b> тесличестт	TGCATACTTC	тасстастас	CCACCCTCCC	240		
85	AIGGIIGCIG	ACTARTIGAG	AIGCAIGCII	IGCATACTIC	1600160166	GGAGCCIGGG	24(		
86 87	GACTTTCCAC	ACCTGGTTGC	TGACTAATTG	AGATGCATGC	TTTGCATACT	TCTGCCTGCT	300		
88 89	GGGGAGCCTG	GGGACTTTCC	ACACCCTAAC	TGACACACAT	TCCACAGAAT	TAATTCCCCT	360		
90 91	AGTTATTAAT	AGTAATCAAT	TACGGGGTCA	TTAGTTCATA	GCCCATATAT	GGAGTTCCGC	420		
92 93	GTTACATAAC	TTACGGTAAA	TGGCCCGCCT	GGCTGACCGC	CCAACGACCC	CCGCCCATTG	480		
94 95	ACGTCAATAA	TGACGTATGT	TCCCATAGTA	ACGCCAATAG	GGACTTTCCA	TTGACGTCAA	540		
96 97	TGGGTGGACT	ATTTACGGTA	AACTGCCCAC	TTGGCAGTAC	ATCAAGTGTA	TCATATGCCA	600		
98 99	AGTACGCCCC	CTATTGACGT	CAATGACGGT	AAATGGCCCG	CCTGGCATTA	TGCCCAGTAC	660		

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### RAW SEQUENCE LISTING PATENT APPLICATION US/08/476,275

DATE: 12/05/95 TIME: 11:00:15

#### INPUT SET: S7676.raw ATGACCTTAT GGGACTTTCC TACTTGGCAG TACATCTACG TATTAGTCAT CGCTATTACC ATGGTGATGC GGTTTTGGCA GTACATCAAT GGGCGTGGAT AGCGGTTTGA CTCACGGGGA TTTCCAAGTC TCCACCCCAT TGACGTCAAT GGGAGTTTGT TTTGGCACCA AAATCAACGG GACTTTCCAA AATGTCGTAA CAACTCCGCC CCATTGACGC AAATGGGCGG TAGGCGTGTA CGGTGGGAGG TCTATATAAG CAGAGCTGGG TACGTGAACC GTCAGATCGC CTGGAGACGC CATCACAGAT CTCTCACCAT GAGGGTCCCC GCTCAGCTCC TGGGGCTCCT GCTGCTCTGG CTCCCAGGTG CACGATGTGA TGGTACCAAG GTGGAAATCA AACGTACGGT GGCTGCACCA TCTGTCTTCA TCTTCCCGCC ATCTGATGAG CAGTTGAAAT CTGGAACTGC CTCTGTTGTG TGCCTGCTGA ATAACTTCTA TCCCAGAGAG GCCAAAGTAC AGTGGAAGGT GGATAACGCC CTCCAATCGG GTAACTCCCA GGAGAGTGTC ACAGAGCAGG ACAGCAAGGA CAGCACCTAC AGCCTCAGCA GCACCCTGAC GCTGAGCAAA GCAGACTACG AGAAACACAA AGTCTACGCC TGCGAAGTCA CCCATCAGGG CCTGAGCTCG CCCGTCACAA AGAGCTTCAA CAGGGGAGAG TGTTGAATTC AGATCCGTTA ACGGTTACCA ACTACCTAGA CTGGATTCGT GACAACATGC GGCCGTGATA TCTACGTATG ATCAGCCTCG ACTGTGCCTT CTAGTTGCCA GCCATCTGTT GTTTGCCCCT CCCCGTGCC TTCCTTGACC CTGGAAGGTG CCACTCCCAC TGTCCTTTCC TAATAAAATG AGGAAATTGC ATCGCATTGT CTGAGTAGGT GTCATTCTAT TCTGGGGGGT GGGGTGGGC AGGACAGCAA GGGGGAGGAT TGGGAAGACA ATAGCAGGCA TGCTGGGGAT GCGGTGGGCT CTATGGAACC AGCTGGGGCT CGACAGCTAT GCCAAGTACG CCCCCTATTG ACGTCAATGA CGGTAAATGG CCCGCCTGGC ATTATGCCCA GTACATGACC TTATGGGACT TTCCTACTTG GCAGTACATC TACGTATTAG TCATCGCTAT TACCATGGTG ATGCGGTTTT GGCAGTACAT CAATGGGCGT GGATAGCGGT TTGACTCACG GGGATTTCCA AGTCTCCACC CCATTGACGT CAATGGGAGT TTGTTTTGGC ACCAAAATCA ACGGGACTTT CCAAAATGTC GTAACAACTC CGCCCCATTG ACGCAAATGG GCGGTAGGCG TGTACGGTGG GAGGTCTATA TAAGCAGAGC TGGGTACGTC CTCACATTCA GTGATCAGCA CTGAACACAG ACCCGTCGAC ATGGGTTGGA GCCTCATCTT CGTCTTCCTT GTCGCTGTTG CTACGCGTGT CGCTAGCACC AAGGGCCCAT CGGTCTTCCC CCTGGCACCC TCCTCCAAGA GCACCTCTGG GGGCACAGCG

GCCCTGGGCT GCCTGGTCAA GGACTACTTC CCCGAACCGG TGACGGTGTC GTGGAACTCA

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153							
154	GGCGCCCTGA	CCAGCGGCGT	GCACACCTTC	CCGGCTGTCC	TACAGTCCTC	AGGACTCTAC	2340
155							
156	TCCCTCAGCA	GCGTGGTGAC	CGTGCCCTCC	AGCAGCTTGG	GCACCCAGAC	CTACATCTGC	2400
157 158	3 3 CCTC 3 3 TC	ACAAGCCCAG	CAACACCAAC	CTCCACAACA	AAGCAGAGCC	ሮ እ እ አጥሮጥጥርጥ	2460
150	AACGIGAAIC	ACAAGCCCAG	CAACACCAAG	GIGGACAAGA	AAGCAGAGCC	CAAAICIIGI	2400
160	GACAAAACTC	ACACATGCCC	ACCGTGCCCA	GCACCTGAAC	TCCTGGGGGG	ACCGTCAGTC	2520
161							
162	TTCCTCTTCC	CCCCAAAACC	CAAGGACACC	CTCATGATCT	CCCGGACCCC	TGAGGTCACA	2580
163						ama aamaaaa	0640
164	TGCGTGGTGG	TGGACGTGAG	CCACGAAGAC	CCTGAGGTCA	AGTTCAACTG	GTACGTGGAC	2640
165 166	GGCGTGGAGG	TGCATAATGC	CAAGACAAAG	CCGCGGGAGG	AGCAGTACAA	CAGCACGTAC	2700
167	0000100400	TOCHTANIOO	Omionomino				_,,,,
168	CGTGTGGTCA	GCGTCCTCAC	CGTCCTGCAC	CAGGACTGGC	TGAATGGCAA	GGACTACAAG	2760
169							
170	TGCAAGGTCT	CCAACAAAGC	CCTCCCAGCC	CCCATCGAGA	AAACCATCTC	CAAAGCCAAA	2820
171	aaaa, aaaaa	GAGAACCACA	CCTCTT A CA CC	ашааааааа мш	ааааааа тах	aama xaa xaa	2880
172 173	GGGCAGCCCC	GAGAACCACA	GGTGTACACC	CIGCCCCAI	CCCGGGATGA	GCTGACCAGG	2000
174	AACCAGGTCA	GCCTGACCTG	CCTGGTCAAA	GGCTTCTATC	CCAGCGACAT	CGCCGTGGAG	2940
175							
176	TGGGAGAGCA	ATGGGCAGCC	GGAGAACAAC	TACAAGACCA	CGCCTCCCGT	GCTGGACTCC	3000
177							
178	GACGGCTCCT	TCTTCCTCTA	CAGCAAGCTC	ACCGTGGACA	AGAGCAGGTG	GCAGCAGGGG	3060
179 180	<b>እ አ</b> ሮርጥሮጥጥሮጥ	CATGCTCCGT	CATCCATCAC	GCTCTGCACA	<b>АССАСТАСАС</b>	GCAGAAGAGC	3120
181	AACGICITCI	CAIGCICCGI	GAIGCAIGAG	COTOTOCACA	noono inono	CONOMICIO	0120
182	CTCTCCCTGT	CTCCGGGTAA	ATGAGGATCC	GTTAACGGTT	ACCAACTACC	TAGACTGGAT	3180
183					•		
184	TCGTGACAAC	ATGCGGCCGT	GATATCTACG	TATGATCAGC	CTCGACTGTG	CCTTCTAGTT	3240
185 186	ааа ааа та	TGTTGTTTGC	ааатаааааа	maaammaamm	CACCOTCCAA	CCTCCCACTC	3300
187	GCCAGCCATC	IGIIGIIIGC	CCCTCCCCG	IGCCITCCIT	GACCCIGGAA	GGTGCCACTC	3300
188	CCACTGTCCT	TTCCTAATAA	AATGAGGAAA	TTGCATCGCA	TTGTCTGAGT	AGGTGTCATT	3360
189							
190	CTATTCTGGG	GGGTGGGGTG	GGGCAGGACA	GCAAGGGGGA	GGATTGGGAA	GACAATAGCA	3420
191	6661 maamaa	001 magaama	acamam) maa	1100100maa	agamaa.a.a.a	ааатаалтат	2400
192 193	GGCATGCTGG	GGATGCGGTG	GGCTCTATGG	AACCAGCTGG	GGCTCGACAG	CGCTGGATCT	3480
194	CCCGATCCCC	AGCTTTGCTT	CTCAATTTCT	TATTTGCATA	ATGAGAAAA	AAGGAAAATT	3540
195			010				
196	AATTTTAACA	CCAATTCAGT	AGTTGATTGA	GCAAATGCGT	TGCCAAAAAG	GATGCTTTAG	3600
197							
198	AGACAGTGTT	CTCTGCACAG	ATAAGGACAA	ACATTATTCA	GAGGGAGTAC	CCAGAGCTGA	3660
199 200	CA CITICOTTA A C	CCACTCACTC	CC A C A CC A TITE	CITA CCCA CA A	እ ጥ እ ጥ <del>ር ር ጥጥ ር ጥ</del>	CATCACCGAA	3720
200	GACICCIAAG	CCAGIGAGIG	GCACAGCATI	CIAGGOAGAA	AIAIOCIIGI	CALCACCUAA	3,20
202	GCCTGATTCC	GTAGAGCCAC	ACCTTGGTAA	GGGCCAATCT	GCTCACACAG	GATAGAGAGG	3780
203						•	
204	CAGGAGCCAG	GGCAGAGCAT	ATAAGGTGAG	GTAGGATCAG	GTTGCTCCTC	ACATTTGCTT	3840
205							

### RAW SEQUENCE LISTING PATENT APPLICATION US/08/476,275

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206 207	CTGACATAGT	TGTGTTGGGA	CGTTGGATAG	CTTGGACAGC	TCAGGGCTGC	GATTTCGCGC	3900
208 209	CAAACTTGAC	GGCAATCCTA	GCGTGAAGGC	TGGTAGGATT	TTATCCCCGC	TGCCATCATG	3960
210 211					TGGGGATTGG		4020
212 213					TCCAAAGAAT		4080
214 215					GGAAAACCTG		4140
216 217						AGAACTCAAA	4200
218 219					ATGATGCCTT		4260 4320
220 221					TAGTCGGAGG		4320
222					TTGTGACAAG GGAAATATAA		4440
224 225 226					GCATCAAGTA		4500
226 227 228		•			TCTCTGCTCC		4560
229 230					AGATCAGCCT		4620
231 232					CCTTCCTTGA		4680
233 234	TGCCACTCCC	ACTGTCCTTT	CCTAATAAAA	TGAGGAAATT	GCATCGCATT	GTCTGAGTAG	4740
235 236	GTGTCATTCT	ATTCTGGGGG	GTGGGGTGGG	GCAGGACAGC	AAGGGGGAGG	ATTGGGAAGA	4800
237 238	CAATAGCAGG	CATGCTGGGG	ATGCGGTGGG	CTCTATGGAA	CCAGCTGGGG	CTCGAGCTAC	4860
239	TAGCTTTGCT	TCTCAATTTC	TTATTTGCAT	AATGAGAAAA	AAAGGAAAAT	TAATTTTAAC	4920
241	ACCAATTCAG	TAGTTGATTG	AGCAAATGCG	TTGCCAAAAA	GGATGCTTTA	GAGACAGTGT	4980
243 244 245	TCTCTGCACA	GATAAGGACA	AACATTATTC	AGAGGGAGTA	CCCAGAGCTG	AGACTCCTAA	5040
246 247	GCCAGTGAGT	GGCACAGCAT	TCTAGGGAGA	AATATGCTTG	TCATCACCGA	AGCCTGATTC	5100
248 249	CGTAGAGCCA	CACCTTGGTA	AGGGCCAATC	TGCTCACACA	GGATAGAGAG	GGCAGGAGCC	5160
250 251	AGGGCAGAGC	ATATAAGGTG	AGGTAGGATC	AGTTGCTCCT	CACATTTGCT	TCTGACATAG	5220
252 253	TTGTGTTGGG	AGCTTGGATC	GATCCTCTAT	GGTTGAACAA	GATGGATTGC	ACGCAGGTTC	5280
254 255					GCACAACAGA		5340
256 257					CCGGTTCTTT		5400
258	CGACCTGTCC	GGTGCCCTGA	ATGAACTGCA	GGACGAGGCA	GCGCGGCTAT	CGTGGCTGGC	5460

# **SEQUENCE VERIFICATION REPORT** PATENT APPLICATION *US/08/476,275*

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